

PAGE: 1

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**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/339,103**

DATE: 08/16/1999
TIME: 17:11:40

INPUT SET: S32949.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

1 SEQUENCE LISTING

3 (1) General Information:

5 (i) APPLICANT: PBO, Svante
6 KILGER, Christian

9 (ii) TITLE OF INVENTION: Method for uncoupled, direct, exponential
10 amplification and sequencing of DNA molecules with the addition of
11 second thermostable DNA polymerase and its application

13 (iii) NUMBER OF SEQUENCES: 5

16 (iv) CORRESPONDENCE ADDRESS:

17 (A) ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
18 (B) STREET: 655 Fifteenth Street, N.W.; Suite 330
19 (C) CITY: Washington
20 (D) STATE: D.C.
21 (E) COUNTRY: U.S.A.
22 (F) ZIP: 20005-5701

24 (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

30 (vi) CURRENT APPLICATION DATA

31 (A) APPLICATION NUMBER: 09/339,103
32 (B) FILING DATE: 24-JUN-1999
33 (C) CLASSIFICATION:

35 (vi) PRIOR APPLICATION DATA

(A) APPLICATION NUMBER: DE 196 53 494.1
(B) FILING DATE: 20-DEC-1996
(C) CLASSIFICATION:

40 (vi) PRIOR APPLICATION DATA

41 (A) APPLICATION NUMBER: 08/991,184
42 (B) FILING DATE: 16-DEC-1997
43 (C) CLASSIFICATION:
44

45 (viii) ATTORNEY/AGENT INFORMATION:

46 (A) NAME: Wong, King L.

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**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/339,103**

DATE: 08/16/1999
TIME: 17:11:41

INPUT SET: S32949.raw

47 (B) REGISTRATION NUMBER: 37,500
48 (C) REFERENCE DOCKET NUMBER: 1614-8090

49
50 (ix) TELECOMMUNICATION INFORMATION:
51 (A) TELEPHONE: (202) 638-5000
52 (B) TELEFAX: (202) 638-4810

54 (2) INFORMATION FOR SEQ ID NO: 1:

55
56 (i) SEQUENCE CHARACTERISTICS:
57 (A) LENGTH: 25 base pairs
58 (B) TYPE: nucleic acid
59 (C) STRANDEDNESS: single
60 (D) TOPOLOGY: linear

51
52 (ii) MOLECULE TYPE: other nucleic acid
53 (A) DESCRIPTION: /desc = "oligonucleotide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

67 GGCTGGTCCT GCCGCTGCCT GTCAT

25

68 (3) INFORMATION FOR SEQ ID NO: 3:

(ii) sequence characteristics

71 (1) SEQUENCE CHARACTERISTICS:
72 (A) LENGTH: 27 base pairs
73 (B) TYPE: nucleic acid
74 (C) STRANDEDNESS: single
75 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc = "oligonucleotide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

81 CTGCTCCCCA GTGGATCGGG TGTAAAC

27

83
84 (2) INFORMATION FOR SEO ID NO: 3:

(ii) MOLECULE TYPE: other nucleic acid
(A) DESCRIPTION: /desc - "oligonucleotide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

96
97 GAGCTTCCG ATGCTGAGA CTATCA

25

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100
101 (i) SEQUENCE CHARACTERISTICS:
102 (A) LENGTH: 24 base pairs
103 (B) TYPE: nucleic acid
104 (C) STRANDEDNESS: single
105 (D) TOPOLOGY: linear
106
107 (ii) MOLECULE TYPE: other nucleic acid
108 (A) DESCRIPTION: /desc = "oligonucleotide"
109
110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
111
112 CGACGTTGTA AAACGACGGC CAGT
113
114 (2) INFORMATION FOR SEQ ID NO: 5:
115
116 (i) SEQUENCE CHARACTERISTICS:
117 (A) LENGTH: 17 base pairs
118 (B) TYPE: nucleic acid
119 (C) STRANDEDNESS: single
120 (D) TOPOLOGY: linear
121
122 (ii) MOLECULE TYPE: other nucleic acid
123 (A) DESCRIPTION: /desc = "oligonucleotide"
124
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
126
127 CAGGAAACAG CTATGAC
128

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/339,103*

DATE: 08/16/1999
TIME: 17:11:43

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Original Text